

Chief Communication Officer

SEVENTY-EIGHTH

ANNUAL REPORT

Newark Fire Department

HUGH J. ADDONIZIO, Mayor

JOHN P. CAUFIELD, Director



1963

NEWARK, NEW JERSEY

SEVENTY EIGHTH
ANNUAL REPORT

HUGH J. ADDONIZIO
MAYOR

NEWARK FIRE DEPARTMENT

JOHN P. CAUFIELD
DIRECTOR

1963

NEWARK, NEW JERSEY

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F I R E D E P A R T M E N T

ANNUAL REPORT
For the Year 1963

January 15, 1964.

Hon. Hugh J. Addonizio
Mayor
City Hall
Newark, N.J.

Dear Sir:

The Annual Report of the Newark Fire Department for the year ending December 31, 1963, is respectfully submitted.

The various activities and operations are detailed in the Division reports appended hereto.

The fire loss for 1963 was \$5,661,169.08, compared to a loss of \$4,727,716.57 in 1962. The per capita loss totaled \$13.97.

Total alarms in 1963 were 11,420; of these 934 were false alarms.

There were 28 deaths from fire against a total of 26 in 1962.

The primary function of the Fire Department, the protection of life and property from fire, was performed in an exemplary and efficient manner. This accomplishment was due in large measure to the courage, dedication and efficiency displayed by the Officers and Members of the Department.

The overall Fire Insurance Rating of Newark as determined by the National Board of Fire Underwriters was second to none in the nation. Only 15 other communities throughout the country had as high an overall fire rating as that enjoyed by Newark.

Among the various activities of the Fire Department during the year 1963, I respectfully wish to call attention to the following:

1. Our systematic apparatus and equipment replacement programs were continued through the year. These programs, in conjunction with the Prevention Maintenance Program at the Fire House level and at the Special Company level, have placed this Department, equipment and apparatus-wise, in an excellent position.
2. The complete re-organization of the Department's Table of Organization to provide for direct lines of authority and responsibility to facilitate efficient coordination within the Department and between this Department and other city agencies was completed.
3. The Fire Prevention Bureau, which includes the Arson Squad, Bureau of Combustibles and Fire Records Division, was created early in 1963.
4. Plans were continued to replace the Running Schedule Book with a more efficient system of Cards and Cabinets, which is expected to go into effect early in 1964.

The apparatus and equipment replacement program continued with the delivery and acceptance by the Department of the following:

1. A 750 G.P.M. Howe hose wagon, which was placed in service as a second unit in an engine company.
2. A Ford 1/2 ton pick-up truck for use in the Special Service Division.
3. An Oldsmobile 88 Sedan, which is being used by the various units of the Department.
4. 365 lengths of 2½" hose, 242 lengths of 1½" hose, 12 lengths of 3/4" hose and 700 ft. of 3" hose were delivered during the year. The Department complies with the requirements of the National Board of Fire Underwriters as to age of hose in service.

We are presently awaiting delivery of a 750 G.P.M. Hose Wagon, a 100 ft. Aerial Truck and Two Salvage Wagons.

We are also awaiting delivery of a 4,000 G.P.M. Fireboat which should be delivered on July 30, 1964. This will be the first time in the history of the City that a new Fireboat has been purchased.

The purchase of this equipment, in addition to the regular purchase of small appliances and tools, places the Fire Department in a very favorable position in the matter of modern apparatus, tools and appliances.

The inventory and standardization program of tools and equipment was continued in 1963.

The training program of the Department continued throughout the year with emphasis on the following:

1. The driver training program continued for the fourth consecutive year under the direction of Fireman William Reed at 80 Doremus Avenue.
2. Mask drills were conducted by the various Battalion Chiefs at the Civil Defense Heavy Rescue Training grounds at Avenue K.
3. Chief Schoettly continued the Radiological Training Course for all new Fire Department members at the Training Academy.
4. Daily drills were conducted in company quarters, in company districts and at the City Dock under the direction of Deputy and Battalion Chiefs.
5. Weekly fire fighting and fire prevention instructions were received due to ultra high-frequency adapters on the television sets in all fire stations.
6. The In-Service inspection program continued throughout the year with special emphasis on inspections of commercial, industrial and institutional buildings.

Deputy Chief Schoettly continued his task of compiling a training manual which will serve as a basis for the in-service training program of the Department. It is expected that the manual will be available this year.

Supervisor of Apparatus Daniel Tauriello has continued his service testing program. He also conducted Pump Classes at the Special Service Company.

An all-out effort on the part of the members of the Arson Squad, under the command of Battalion Chief Joseph L. Starrs and Captain Joseph O'Brien, has caused a reduction of 50.8% in the number of false alarms. This dramatic decrease was the opposite of the trend in other large cities throughout the country where false alarms have increased.

Fire Prevention Activities under Deputy Chiefs Joseph J. Drew and Henry Schoettly were conducted on a year-round basis. Some of the activities were an outdoor exhibit, films, Speakers' Bureau, and distribution of hundreds of thousands of pieces of literature on Fire Prevention. An indoor fire prevention display was developed to dramatically and interestingly bring to the public a fire prevention message.

All of the above were displayed before various civic, fraternal, religious, etc., groups and all are available to all groups requesting same.

A complete operational plan, including a plan for post attack and recovery, is in effect as part of the Fire Department's Civil Defense Plan. In conjunction with this program, we have purchased Geiger Counters, Dosemeters, Gamma Survey Meters, Air Samplers, Alpha-Beta-Gamma Ray and dustproof suits.

The Officers and Members of the Department performed excellent service during the past year, and it was my pleasure to commend many of them officially for outstanding rescues and acts of heroism. All fires occurring during 1963 were satisfactorily controlled and extinguished.

RECOMMENDATIONS:

1. A fire training area should be established to provide adequate training. A modern training facility is vitally needed if the City is to retain its top rate overall fire insurance rating.
2. That a snorkel or 100 ft. aerial truck and a foam truck be purchased through the Capital Improvement Plan.
3. A plan of fire station replacement must be undertaken immediately. Many fire stations are very old - as much as 88 years old, with the last one being built in 1929.

Many other recommendations could be made, however, I have restricted myself to the above three because I consider them to be so vitally important to the efficient operation of the Fire Department in the immediate future.

On behalf of the Fire Department, I extend to you a sincere vote of appreciation for your interest in our problems and for your wholehearted cooperation.

We also express our thanks to the Hon. Paul Busse, Business Administrator, Hon. Dominic V. Miceli, Assistant Business Administrator, Hon. Norman Schiff, Corporation Counsel, and Directors of all Departments for their splendid cooperation.

The Fire Department also expresses its thanks to the members of the Municipal Council of the City of Newark, who showed a sincere interest in the problems of our Department and cooperated by their favorable response.

The Chief Engineer, all Officers and Men of the Department, and the Administrative Staff are to be commended for their efficient and dedicated services and attention to duty during the year.

The Civil Defense Auxiliary Firemen and the Bell and Siren Club rendered valuable and outstanding service and are to be commended for their devotion and civic-mindedness. To them I express the sincere thanks of every member of the Department.

To the Chaplains and the Department Surgeons, for their outstanding contributions in administering to the needs of the men, we owe a debt of gratitude.

We also extend our thanks to the members of the Fire Department Glee Club for their contributions to the success of various activities of the City.

Respectfully yours,

JOHN P. CAUFIELD,
Director, Fire Department.

JPC:EC

F I R E D E P A R T M E N T - C I T Y O F N E W A R K

Paul Busse
Business Administrator

Hon. Hugh J. Addonizio, Mayor

John P. Caufield
Director

Francis X. McCarthy, Public Relations Officer

M. Emmett Matthews, Administrative Officer

William T. Whalen, Assistant Chief Clerk

Edna L. Foran, Administrative Secretary

Joseph M. Redden, Chief Engineer

DEPUTY CHIEFS

First Deputy Division

Fred J. Crowley

James Donlon

Frank Hilliard

Vincent J. Kelly

Second Deputy Division

John Dolak

James F. Gaynor

Joseph W. McLaughlin

Thomas O'Boyle

BATTALION CHIEFS

First Batt. Dist.

Harold Davis

Joseph L. Magnusson

Frank Reheis

George W. Schaeffer

Second Batt. Dist.

John F. Casey

William Hug

Thomas Leonard

William Schick

Third Batt. Dist.

Andrew Donahue

Philip Smith

Morris Tangredi

Joseph Zoppi

Fourth Batt. Dist.

Vincent Brennan

Chas. J. JanTausch

Edward Nolan

James Nolan

Fifth Batt. Dist.

Matthew A. Farley

Wm. Langwasser

James P.O'Beirne

John Zieser

Roving Battalion Chiefs

Arthur D. Marsh

Louis J. Iannuzzi

Training Academy.	Henry L. Schoettly, Deputy Chief
" "	Albert Lopez, Batt. Chief
Fire Prevention Bureau.	Joseph J. Drew, Deputy Chief
Bureau of Combustibles	Charles V. Stiennen, Chief Inspector
Arson Division	Joseph L. Starrs, Batt. Chief
Fire Alarm Division	Arthur J. Moore, Superintendent
" " "	Edw. Przybylowicz, Asst. Supt.
" " "	James E. Caufield, Chief Comm. Off.
Special Service & Supply Div.	Peter B. Kelly, Deputy Chief
Hose Division	Walter L. Conover, Captain
Apparatus Division	Daniel Tauriello, Supv. of Apparatus
" "	Herman Brunner, Captain
Supplies Division.	Michael Remondelli, Captain
Medical Division	John N. Pannullo, M.D., Dept. Surgeon
" "	Edwin L. Ciccone, M.D., Asst. Surgeon
Civil Defense	Joseph A. Flannery, Batt. Chief

Rev. Clarence Bleakney, Protestant Chaplain

Rev. Philip T. McCabe, Catholic Chaplain

Rabbi Horace Zemel, Jewish Chaplain

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ANNUAL REPORT
For the Year 1963

February 26, 1964

Hon. John P. Caufield, Director
Fire Department
Newark, New Jersey

Sir:

In compliance with Department regulations, I herewith submit the 78th Annual Report of the Newark Fire Department for the year ending December 31, 1963.

The mission of the Fire Department, that of protecting life and property from the effects of fire, was carried out in an efficient manner. This was accomplished to the greatest extent by the dedication and industry of the Officers and Members of the Department.

The apparatus and equipment replacement program continued during the year, and coupled with the preventive maintenance program both in the firehouses and at the Special Service Company on Prospect Street, has put this Department in an enviable position as to modern apparatus and condition thereof.

The training program continued unabated throughout the year, both in quarters, at the Training Academy, and at other outdoor sites. All training records were centralized at the Fire Academy under the supervision of Deputy Chief Schoettly, to provide for better control and coordination of training activities.

Fire Prevention activities were conducted on a year-round basis. An important addition to these activities was the inauguration of a table top display which was shown to various civic and religious organizations throughout the City. It proved to be very effective in bringing an understanding to the citizens of Newark of the common causes of fire in the home and the means to alleviate them.

Through the efforts of the Officers and Members of the Arson Squad, the number of false alarms was reduced from 1897 in 1962 to 934 in 1963, representing a reduction of 51.8%. This reduction represents an untold monetary saving, wear and tear on apparatus, and possible injury to responding personnel. This program will be continued throughout 1964.

A new system of In-Service Inspections was instituted in 1963, with maps of all building districts distributed to all firehouses and definite responsibility centered on the captain of each tour for a section of his district. To augment this system, Deputy Chief Thomas O'Boyle set up a new filing system to be used in each firehouse, so that every building will have its own file folder and contain therein all pertinent information on that particular building.

RECOMMENDATIONS

I am very pleased to state that, of the three recommendations contained in my report of last year, two are well on the way to accomplishment.

Monies have been appropriated in the Capital Improvement Budget for the purchase and construction of a training area and the new fireboat will be delivered in July of this year.

In keeping with my policy of recommending only those policies which I consider to be vitally important for the efficient operation of the Department, it is requested that you consider the following:

1. That a five- to ten-year program be instituted to add additional manpower to the Department in order to provide a complement of an Officer and five Men for all truck companies; all two-piece companies; and single piece engine companies which respond to the high value district; and to provide additional Captains to act in a roving capacity During sick leaves and vacations.

2. That monies be appropriated in the Capital Improvement Budget to recondition those firehouses which are not scheduled to be demolished and rebuilt. The majority of the firehouses which are going to be retained must be extensively repaired, particularly in the roof areas, electrical service, and modern toilet facilities; this work cannot be done on a piecemeal basis.

I wish to express my appreciation for, and bring to your attention, the complete cooperation and able assistance that has been extended to me by the Officers and Members of the Department, and those outside the Department, particularly the members of the Bell and Siren Club.

I am also grateful for the cooperation that I have received from you and through you from Mayor Hugh J. Addonizio and the entire City Administration.

Respectfully submitted,

/s/ Joseph M. Redden,
Chief Engineer.

JMR:EC

TABLE OF ORGANIZATION - ADMINISTRATIVE

Total Personnel 1080

Director

Public Relations Off.

Chief Engineer

Fire Fighting Bureau
961

Fire Prevention Bureau

Deputy Chief 1

Arson Squad	
Batt. Ch.	1
Captain	2
Firemen	11
Total	14

Combustibles Div.	
Chief Inspector	1
Asst. Ch. Insp.	1
Batt. Chief	1
Captains	2
Firemen	19
Sr. Account Clerk	1
Total	25

Fire Records Div.	
Captain	1
Firemen	2
Total	3

Deputy Chief	1
Batt. Chief	1
Captains	2
Firemen	4
Phys.Tr. Instr.	1
Total	9

Training Academy

Communications

Supt. Fire Al. & Rad.	1
Asst. Fire Alarm Supt	1

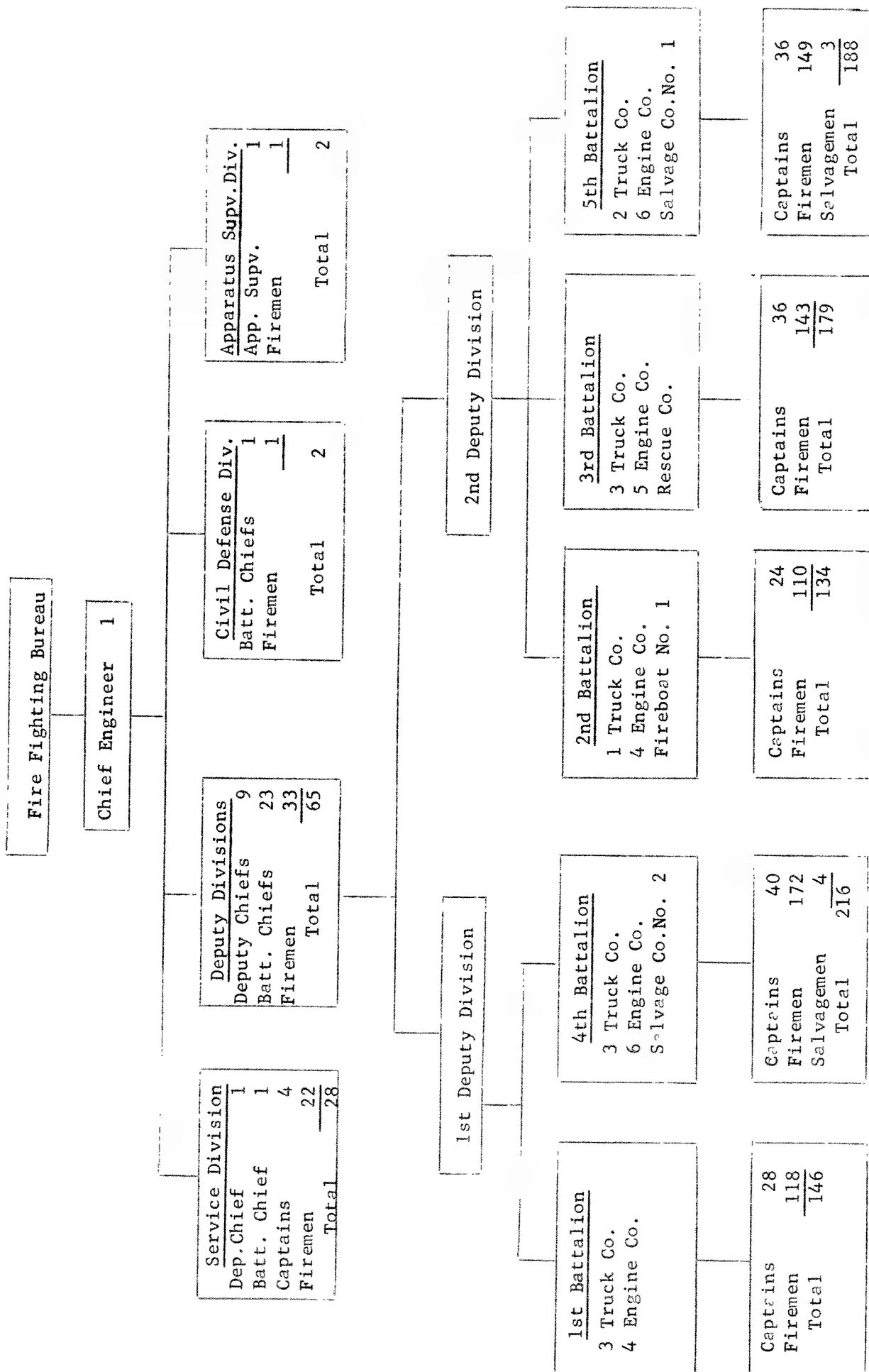
Central Office	
Ch. Comm. Officer	1
Ch. Fire Al. Oper.	5
Fire Alarm Oper.	16
Total	22

Maintenance & Repair	
Linemen-Foremen	2
Linemen	18
Fire Al. Sys. Mech	1
Mech. Helper	2
Firemen	1
Total	24

Administration

Admin. Officer	1
Asst. Chief Clerk	1
Adm. Secretary	1
Fire Surgeon	1
Asst. Fire Surgeon	1
Captain	1
Chaplain	2
Supv. Fire Accounts	1
Supv. Prin. Acct. Clerk	1
Sr. Clerk Steno.	2
Sr. Account Clerk	1
Sr. Clerk Typist	1
Clerk Stenographer	1
Total	17

TABLE OF ORGANIZATION - FIRE FIGHTING FORCE



FINANCIAL STATEMENT

Budget Appropriation for the year 1963

Salaries - - - - -	\$6,642,237.
Other than Personal- - - - -	448,340
	<u>\$7,090,577</u>

Disbursements:

Salaries:

1 Director - - - - -	\$14,999.92
1 Public Relations Officer - - - - -	6,192.94
1 Chief Engineer - - - - -	13,000.00
11 Deputy Chiefs - - - - -	100,641.00
25 Battalion Chiefs - - - - -	209,441.00
1 Supervisor Fire Apparatus - - - - -	7,959.90
173 Captains - - - - -	1,245,401.90
779 Firemen - - - - -	4,536,255.85
7 Salvagemen - - - - -	41,998.32
1 Chief Inspector of Combustibles- - - - -	8,175.90
1 Asst. Inspector of Combustibles- - - - -	5,502.88
1 Administrative Officer - - - - -	9,100.00
1 Administrative Secretary - - - - -	7,800.00
1 Assistant Chief Clerk - - - - -	5,879.90
1 Supr. Fire Accounts Clerk - - - - -	5,349.76
1 Supervising Prin.Acct. Clerk - - - - -	5,099.90
2 Senior Account Clerks - - - - -	7,892.77
2 Senior Clerk Stenographers - - - - -	8,399.56
1 Clerk Stenographer - - - - -	576.90
1 Fire Dept. Surgeon - - - - -	8,899.80
1 Asst. Fire Dept. Surgeon - - - - -	7,749.82
2 Chaplains - - - - -	7,879.82
1 Senior Clerk Typist - - - - -	3,399.76
1 Athletic Instructor - - - - -	7,299.76
1 Supt. Fire Alarm & Radio - - - - -	10,199.80
1 Asst. Supt. Fire Alarm - - - - -	8,599.76
1 Chief Communications Officer - - - - -	5,850.00
5 Chief Fire Alarm Operators - - - - -	36,006.64
16 Fire Alarm Operators - - - - -	68,887.68
2 Line Foremen - - - - -	14,599.52
14 Linemen - - - - -	76,720.28
1 Fire Alarm System Mechanic - - - - -	7,039.76
2 Mechanic's Helpers - - - - -	8,979.62
	<u>\$6,511,780.42</u>

Other than Salaries:

Repairs to Office Equipment- - - - -	589.00
Electric and Gas - - - - -	17,000.00
Construction Tel. Co.- - - - -	1,998.00
Time Service - - - - -	25.00
Demurrage Oxygen Cylinders - - - - -	75.00
Telephone Service- - - - -	15,000.00
Radio Maintenance- - - - -	33,000.00

Financial Statement (2)

Other than Salaries (Cont'd)

Repairs to Equipment - - - - -	300.00
Blankets Laundered - - - - -	159.96
Exterminating Service - - - - -	219.96
Printing - - - - -	5,338.92
Stationery - - - - -	3,354.96
Badges - - - - -	598.92
Cable and Reels - - - - -	1,999.92
Fire Alarm Supplies - - - - -	11,800.92
Fuel Oil - - - - -	35,499.96
Window Shades- - - - -	999.96
Brooms, brushes, etc.- - - - -	999.96
Soaps, Waxes, etc. - - - - -	2,499.96
Ashcans, pails, etc. - - - - -	399.96
Toilet Tissue - - - - -	499.92
Electric Lights, etc.- - - - -	999.96
Sash Cord and Tools- - - - -	399.96
Burgess Batteries- - - - -	1,200.00
Grease and Oils - - - - -	199.92
Paints and Brushes - - - - -	199.92
Paper Bags and Twine - - - - -	99.96
Flashlight Batteries - - - - -	150.00
Step Ladders - - - - -	49.92
Sisal Rope - - - - -	85.92
House Journals Printed - - - - -	1,599.96
Supplies for repair of hose, - - lights, etc. - - - - -	2,199.96
Bedding and Linens - - - - -	1,599.96
Uniform Buttons - - - - -	49.92
First Aid Supplies - - - - -	1,999.92
Foam Charges - - - - -	1,500.00
Oxygen Cylinders Refilled - - - -	199.92
Cannisters for Masks - - - - -	11,580.00
Bicarbonate and Oil of Vitriol - -	199.92
Subscriptions and Books - - - - -	449.92
Postage - - - - -	400.00
Carfare - - - - -	1,249.92
Stenographic & Legal Expenses - -	949.92
Clothing Allowance - - - - -	77,571.67
Fire Alarm Boxes - - - - -	4,875.00
Training Equipment - - - - -	924.96
Photographic Equipment- - - - -	199.92
Educational Films - - - - -	172.92
Fire Hose - - - - -	13,999.92
Salvage Covers- - - - -	900.00
Furniture - - - - -	1,581.96
Life Saving Equipment - - - - -	499.92
Axes and Hooks- - - - -	499.92
Valves, Nozzles, etc. - - - - -	2,499.96
Extinguishers - - - - -	499.92
Masks- - - - -	1,500.00
Wet Water Penetrant - - - - -	249.96
Hand Lights - - - - -	174.96
Fire Fighting Equipment Misc. - -	6,000.00
Office Equipment- - - - -	1,050.00
Tests on Evidence - - - - -	200.00

Financial Statement (3)

Other than Salaries (Cont'd)

Portable Radiophones - - - - -	300.00
Photographic Supplies- - - - -	900.00
American Flags - - - - -	99.96
Hose Wrenches - - - - -	150.00
Oxygen Tank Refills- - - - -	-1,500.00
Extinguisher Repairs - - - - -	99.96
Radiological Equipment - - - - -	-0-
Electrical Parts - - - - -	60.00
Repaired Mask Parts- - - - -	924.96
1½ Ton Utility Truck - - - - -	-1,793.00
1 Sedan - - - - -	-2,000.00
Nuclear Equipment- - - - -	-0-
750 Gal. Pumping Engine- - - - -	16,500.00
Portable Resuscitator- - - - -	-0-
Total	\$297,447.03

Miscellaneous Receipts:

Refilling Soda and Acid Extinguishers -	460.75
Refilling Foam Extinguishers - - - - -	285.00
Sale of Extinguishers Supplies - - - - -	1.85
Sprinkler Heads Replaced - - - - -	307.50
Sale of Old Material - - - - -	581.06
Deposit Badges - - - - -	42.00
Payments for Damage done to Fire Dept.	
Equipment - - - - -	245.59
Hotel Certificates - - - - -	890.00
Bureau of Combustibles Permits - - - - -	57,799.00
Redeposited Checks - - - - -	71.00
Sale of Old Hose - - - - -	440.00
Miscellaneous - - - - -	867.00
Total	61,990.75

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APPOINTMENTS - 1963

<u>Date</u>	<u>NAME</u>	<u>TITLE</u>
1/2/63	John M. Carr	Fireman
"	Francis P. Dalton	"
"	Joseph DiGirolamo	"
"	Robert M. Hague	"
"	Thomas H. Mertz	"
"	John W. Molka, Jr.	"
"	Richard J. Spressler	"
1/29/63	James H. Butler	"
3/26/63	John H. Casey	"
"	Attilio DeSordi	"
"	William E. Scofield	"
"	Robert F. Womelsdorf	"
4/12/63	Vincent C. Lyons	Fire Alarm Operator
"	Joseph R. Puorro	" " "
4/23/63	Robert F. Caufield	Fireman
"	Henry E. Keller	"
"	Edward J. McCarthy	"
"	Robert A. Zullo	"
"	Joseph E. Cahill	"
"	James P. Wilson	"
"	Ronald Heath	"
"	Daniel F. Coppola	"
"	Anthony J. Nardone	"
"	Richard Wittel	"
"	Donald W. McCormack	"
"	Edward Wittel	"
"	Arthur M. Connor	"
5/21/63	Boisy C. Cosby	"
10/22/63	Devonne Lucas	Clerk-Stenographer
11/18/63	John A. Strouse	Fireman
12/16/63	John H. Anstiss	"
"	Walter W. Carroll	"
"	Charles C. DeLillo	"
"	John S. Dolak, Jr.	"
"	Michael J. Fitzpatrick, Jr.	"
"	Edward J. Gorman	"
"	John J. Harrobin	"
"	Gerald A. Highsmith	"
"	Michael E. Matthews, Jr.	"
"	James P. McDonnell, Jr.	"
"	Anthony T. Patuto	"
"	Wayne E. Seelinger	"
"	Robert J. Smith	"
"	James E. Southard	"

RETIREMENTS - 1963

<u>Date</u>	<u>Name</u>	<u>Title</u>
2/10/63	Clifton Titcomb, Jr.	Fireman
3/1/63	Martin W. Higgins	Captain
3/26/63	Clarence S. Webster	Fireman
4/8/63	Charles F. Wentworth	"
5/1/63	Grant W. Newton	Fire Alarm Operator
6/1/63	William J. Cook	Fireman
6/6/63	Christopher A. Collumb	"
7/1/63	Francis J. Oakley	"
7/11/63	James E. Meehan	"
7/6/63	Charles F. Loihle	Captain
8/24/63	Herman A. Wolff	Fireman
9/9/63	William J. Reilly	Captain
9/16/63	Martin W. Higgins	"
10/2/63	JohnF. Reilly, Jr.	Chief Inspector
10/28/63	Frederick J. Otto	Fireman
11/11/63	Edward Goerke	"
11/12/63	William J. Cook	"
11/20/63	John M. Ruscheck	Deputy Chief
12/1/63	Albert Levy	Captain

I N M E M O R I A M

Deaths of Active Members During 1963

4/7/63	Frank E. Kirkbride - Line of Duty -	Captain
6/24/63	John J. Tartis	Captain
9/25/63	Thaddeus Gurdak	Fireman

COMPANY STATISTICS

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED AT	EMERGENCY CALLS ANSWERED	HOURS OF ENGINE DUTY	NO. OF FEET OF HOSE USED	NO. OF IN SERVICE INSPECTIONS	NO. OF HYDRANTS INSP. & GREASED	NO. OF DRILLS & DEMONSTRATIONS	NO. HRS. OUT OF QUARTERS
Eng. Co. 1	954	471	5	279:56	63,800	195	E.D.	369	627:49
" " 2	865	297	2	111:43	34,400	159	E.D.	328	308:39
" " 4	1158	469	0	207:19	38,650	274	485	352	557:71
" " 5	720	205	0	150:51	39,050	184	E.D.	301	499:58
" " 6	2000	814	6	279:71	47,350	395	371	365	715:40
" " 7	1623	493	2	190:49	64,400	510	381	396	599:54
" " 8	467	202	2	221:04	38,250	27	E.D.	241	486:16
" " 9	923	336	0	144:08	35,400	136	205	348	438:37
" " 10	1422	673	1	491:35	67,950	230	260	335	780:54
" " 11	1074	446	1	145:28	40,350	899	268	400	546:18
" " 12	2219	625	3	323:64	77,700	283	107	253	943:16
" " 13	496	309	1	118:53	15,100	64	167	822	298:41
" " 14	808	267	4	206:25	33,900	203	317	276	570:31
" " 15	939	278	0	148:56	37,150	134	183	384	371:09
" " 16	484	291	0	341:07	39,300	105	460	377	617:08
" " 17	973	363	0	307:19	44,650	1379	331	319	675:54
" " 18	1232	379	0	159:43	43,650	320	276	349	458:32
" " 19	593	365	5	177:59	33,700	47	E.D.	164	416:11
" " 20	2010	676	0	422:30	103,000	666	581	366	820:30
" " 21	162	79	5	37:43	6,650	1041	461	385	180:14
" " 26	279	117	1	51:28	11,850	591	92	335	276:20
" " 27	626	306	0	402:42	55,900	75	E.D.	234	561:47
" " 28	530	172	2	96:00	18,600	117	231	304	337:35
" " 29	721	237	1	84:46	22,500	727	451	324	341:13
" " 32	166	88	0	90:05	13,450	171	674	344	232:07
Fireboat	129	23	-	74:26	1,100	-	-	200	74:26
Searchlite	47	47	-	135:52	-	-	-	20	135:52
Rescue Sq	1837	409	295	754:43 ResDuty	-	176	211	349	754:43
Salvage 1	2123	395	14	-	-	-	-	267	1000:58
Salvage 2	2874	910	26	-	-	-	-	250	1242:30

* E.D. - Entire District

COMPANY STATISTICS (2)

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED AT	EMERGENCY CALLS ANSWERED	NO. OF FEET OF LADDERS USED	INSPECTIONS	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	HYDRANTS INSPECTED
Truck Co. 1	992	397	--	15,901	212	403	489:30	324
" " 2	940	289	--	11,802	195	271	579:02	383
" " 3	1438	412	--	12,121	31	335	511:20	E. D.
" " 4	608	162	--	4,262	77	292	316:40	97
" " 5	2026	580	--	21,509	185	325	768:38	E. D.
" " 6	388	154	2	3,455	259	393	212:53	322
" " 7	505	156	0	4,101	175	372	267:46	177
" " 8	414	104	0	3,129	181	269	449:26	80
" " 9	1161	301	--	7,276	116	332	551:56	328
" " 10	666	201	10	6,474	895	355	352:48	446
" " 11	886	247	--	8,633	167	401	530:38	197
" " 12	151	76	1	2,350	973	314	135:25	322

CHIEFS	NO. OF ALARMS ANSWERED	HOURS WORKED AT FIRES	NO. HOURS INSPECTION OF DISTRICTS
Dep. Div. 1	2,663	821:45	958:00
Dep. Div. 2	1,886	644:40	842:00
Batt. Dist. 1	1,052	439:50	1872:00
" " 2	866	427:25	2167:00
" " 3	788	270:10	1742:00
" " 4	1,861	722:25	510:00
" " 5	671	365:00	790:00

Company Statistics (3)

Salvage Companies 1 and 2

Canvas Covers Spread	657
Roof Covers Spread	50
Roofs covered by Other Means	2
Sprinkler System Restored to Service	--
Sprinkler Heads Replaced	406
Buildings Secured after Fires	120
No. of Buildings-Water Removed	82

Searchlight Company

Supplied Floodlights	86:14
Electric Cable Used (Feet)	10,250 ft.
Lamps Used	492

Special Service and Supply

No. of Alarms Answered	72
No. of Times Smoke Ejector was Used	8
No. of Emergency Lights Used	15
Supplied all Companies with Tools and Equipment	

Summary

Total No. Alarms Worked At	45,270
Total No. Alarms Answered	13,819
Total No. Hours Engine Duty	6157:45
Total No. Feet of Hose Used	984,150
Total No. Feet of Ladders Used	101,013
Total No. Co. Hours Out of Quarters	20,283:16

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FIRE LOSS RECORD BUREAU
Annual Report for the Year
Ending December 31, 1963

Fire losses for 1963 were as follows:

	<u>Buildings</u>	<u>Contents</u>
January	\$234,598.92	\$202,535.01
February	308,568.91	53,731.05
March	212,555.11	110,958.61
April	734,934.69	1,172,641.50
May	193,010.21	161,878.69
June	190,397.21	194,964.58
July	243,421.50	336,702.00
August	176,846.72	81,339.75
September	184,579.64	36,563.82
October	147,125.30	128,948.66
November	127,589.75	95,691.30
December	<u>167,718.37</u>	<u>102,717.78</u>
Total	\$2,921,346.33	\$2,678,672.75

Combined Building & Content Loss:	\$5,600,019.08
Vehicle Losses:	<u>61,150.00</u>
Total Loss 1963	5,661,169.08

Per Capita Loss \$13.97
(Based on 1960 Census
Population 405,220)

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ARSON SQUAD

Annual Report submitted by
Battalion Chief Joseph L. Starrs
for the year ending December 31, 1963

The following is a report of the activities of the Arson Squad of the Newark Fire Department for the year 1963.

All fires investigated by the Arson Squad, also all complaints, deaths at fires, multiple alarm fires, and all arrests, both adult and juvenile, for crimes pertinent to this division, are included in a summary in this report. The time and date of these offenses are also included. The names and complete records of all arrests and apprehensions, are on file in the Arson Squad office.

Copies of written statements of all suspects and witnesses involved in suspicious fires, and complete final reports of all investigations made, including deaths at fires, multiple alarms, and any other important information relative to the Arson division, are at all times available to the proper authorities.

Evidence obtained in suspicious fires, requiring scientific analysis, was submitted to the Chemico-Technico division of the Newark Police Department for evaluation. Some special analyses were handled by the Edel Laboratories of Newark. Certificates of all laboratory findings are on file in the Arson Squad office.

All evidence items are stored in the Arson Squad property room, for anticipated future court action.

During 1963, as in former years, this division worked in conjunction with the National Board of Fire Underwriters, the National Fire Protection Association, the Essex County Prosecutor's Office, the State Labor Department, the New Jersey Motor Vehicle Bureau, the Federal Bureau of Investigation, and other State and National agencies, in the investigation of suspicious fires, arson suspects, and other special investigations.

A daily association was maintained with our own city bureaus, -- the Newark Police Department, Bureau of Combustibles and Fire Risks, and the Newark Board of Education. These departments rendered invaluable aid in many of our investigations.

Special Bulletins on all arrests and apprehensions relative to the Arson Squad are submitted daily to the Director of the Fire Department, and to the Chief Engineer.

During the year 1963, four Arson Squad members attended Arson Seminars at William and Mary College, Virginia, and Ohio State University, Ohio.

FALSE ALARMS

In the year 1962 the Fire Department answered 1,897 false alarms. This figure represented 32.5% of all bell alarms transmitted. One out of three alarms was false.

In October of 1962, an all-out drive was instituted by Director John P. Caufield to remedy this intolerable condition. The pull hooks on all Fire Alarm street boxes were painted with an invisible paste, which could only be detected by using an ultra-violet "black light" carried by the Arson Squad teams.

Arson Squad (2)

Immediately upon receipt of a false alarm, Arson Squad teams checked the neighborhood of the pulled box, and a number of arrests were made, through a "show of hands" under the "black light".

Maps of the city were set up in the Director's office and the Arson Squad office, and every false alarm sounded was pinpointed on these maps. From a careful study of these map pins, and the frequency of occurrence, and the hour of day or night certain boxes were pulled, surveillance watches were placed at these locations until the guilty person or persons were apprehended. These stakeouts were tedious, time-consuming ordeals, for Arson Squad teams, that eventually produced a number of arrests.

As a result of these and other actions, false alarms for the year 1963 were reduced by 50.8%. This year (1963) our Fire Department answered 934 false alarms. This is a difference of 963 below last year. This year, 1963, our false alarms amounted to 17.1% of all alarms answered; one out of every six alarms sounded was false.

Since the false alarm drive was started in October of 1962, a total of 138 juveniles have been apprehended, and 19 adults arrested for sounding false alarms.

These results are indicative of the Arson Squad effort, and it would not have been possible without the aid of the Chief Dispatchers and the Dispatchers, and the Officers and firemen in all our battalion districts.

"Black lights" have been distributed to each of the five battalions and with this additional help in the field, we are quite sure of increasing our arrests in 1964, thereby reducing the false alarm total.

The yearly statistics have just been compiled, and a comparison of 1962-1963 figures show that the Fire Department has worked at 564 more bell alarms this year while responding to 399 less alarms. The total of these two figures (564 and 399) amounts to 963, which is the reduction in false alarms for this year.

This also means that approximately 10,000 fewer pieces of fire equipment were called upon to answer false alarms in the year 1963.

Following is a summary of the total investigations and other activities of this division:

Fires Investigated	617
Complaints	41
False Alarms Investigated	<u>934</u>
Total Investigations	1,592

Included in these investigations are the following:

Incendiary Fires	131
2-alarm fires	30
3-alarm fires	9
4-alarm fires	0
Total Arrests by Arson Squad	265
Deaths by fire investigated by the Arson Squad	28

1903

Arson Squad (3)

DEATHS BY FIRE IN 1963

<u>Cause</u>	<u>Station</u>	<u>Time</u>	<u>Sex</u>	<u>Age</u>	<u>Date</u>
Careless Smoking	2327	6:22 A.M.	F	20	2/6/63
" "	2312	3:27 A.M.	M	43	2/13/63
" "	2312	3:27 A.M.	M	56	2/13/63
" "	2312	3:27 A.M.	M	69	2/13/63
" "	2312	3:27 A.M.	M	54	2/13/63
" "	2312	3:27 A.M.	F	80	2/13/63
Undetermined	None		F	69	2/16/63
(Police Complaint)					
✓ Illegal Oil Stove	4214	10:08 P.M.	F	4	2/18/63
Careless Smoking	4114	11:44 P.M.	F	68	3/29/63
Children playing	1436	11:14 A.M.	M	47	4/7/63
with matches					
Careless Smoking	4147	11:58 P.M.	F	45	4/25/63
Ship explosion	6457	8:01 A.M.	M	43	7/8/63
" "	6457	8:01 A.M.	M	69	7/8/63
Careless Smoking	5421	6:24 A.M.	M	55	7/7/63
Children playing	1247	11:04 A.M.	F	8 mos.	8/27/63
with matches					
" "	1247	11:04 A.M.	F	3 yrs.	8/27/63
" "	1247	11:04 A.M.	F	5 yrs.	8/27/63
" "	1247	11:04 A.M.	F	50	8/27/63
" "	1247	11:04 A.M.	F	27	8/27/63
" "	1247	11:04 A.M.	M	3 yrs.	8/27/63
" "	1216	11:53 P.M.	F	10 mos.	9/2/63
" "	1134	11:43 P.M.	F	6 yrs.	10/12/63
" "	1134	11:43 P.M.	F	6 yrs.	10/12/63
" "	1134	11:43 P.M.	F	4 yrs.	10/12/63
" "	1134	11:43 P.M.	M	11 mos.	10/12/63
Kerosene in coal stove	4211	11:08 P.M.	F	45	12/15/63
Clothing ignited by					
gas stove	4243	1:45 P.M.	F	7 yrs.	12/20/63
Careless Smoking	3418	7:06 A.M.	M	45	12/27/63

ARRESTS

During the year 1963, the Arson Squad made 265 apprehensions and arrests. This is a record number of arrests in any one year for the Arson Squad.

The following summary gives a complete breakdown and the final disposition of these cases. The final adjudication of all juvenile arrests referred to the Youth Aid Bureau, are on file in the Arson Squad office.

<u>Date</u>	<u>Verdict</u>	<u>Disposition</u>
2/26	Guilty	Disciplinary action taken by City Hospital authorities.
4/17	"	One year probation - \$1.00 per week.
4/30	"	Sentence suspended.
5/11	"	\$50.00 fine or 30 days in jail.
5/30	"	\$25.00 fine.

Arson Squad (4)

Arrests, False Alarms, Adults Cont'd.

<u>Date</u>	<u>Verdict</u>	<u>Disposition</u>
6/4	Guilty	\$100.00 fine or 60 days in jail.
6/11	"	\$50.00 fine or 30 days in jail.
7/9	"	90 days in jail.
7/9	"	90 days in jail.
7/9	"	60 days in jail.
7/9	"	60 days in jail.
7/17	"	60 days in jail.
8/29	"	90 days in jail.
10/8	"	Pending.
10/26	"	30 days in jail.

OTHER ARRESTS - ADULTS

<u>Date</u>	<u>Violation</u>	<u>Verdict</u>	<u>Disposition</u>
1/22	Break & Entry		Held for Grand Jury.
1/22	Malicious burning		Held for Grand Jury.
1/22	Larceny		Held for Grand Jury.
1/24	Interfering with firemen.	Guilty.	\$50.00 or 30 days.
1/24	Drunk and disorderly.	Guilty.	\$50.00 or 30 days.
1/28	Illegal oil stove.	Guilty.	Suspended sentence.
2/2	Assault & Battery.	Not guilty.	Dismissed.
2/2	Interfering with firemen.	Guilty.	30 days in jail.
2/22	Arson	Guilty.	Trenton State Hospital.
2/22	"	"	" " " "
2/22	"	"	" " " "
3/10	Setting Fire (14-414)	"	30 days in jail.
3/18	" " "	"	\$25.00 fine.
4/8	" " "	"	1 year probation at \$1.00 per week.
4/12	" " "	Not guilty.	Dismissed.
5/15	" " "	Guilty.	\$50.00 or 30 days.
5/17	Malicious burning	"	60 days in jail.
5/17	" "	"	30 days in jail.
5/17	Threatening to burn	Pending.	
6/9	Setting fire (14-414)	Guilty.	30 days in jail.
6/17	Arson	Guilty.	Indicted by Grand Jury.
6/17	"	"	Indicted by Grand Jury.
6/17	"		Dismissed in Municipal Court.
6/17	"		" " " "
6/17	"		" " " "
6/17	Conspiracy to commit Arson		Indicted by Grand Jury.
6/17	" " " "		" " " "
6/17	" " " "		Dismissed in Municipal Court.
6/17	" " " "		" " " "
6/17	" " " "		" " " "
6/19	Arson		Held for Grand Jury.
6/20	Setting fire (14-414)	Guilty	30 days in jail.
6/21	Arson		Held for Grand Jury.
6/24	Setting fire (14-414)	Guilty.	60 days in jail.
7/6	" " "	"	Restitution for damages.
8/19	" " "	"	60 days in jail.

Arson Squad (5)

Arrests, False Alarms, Adults, Cont'd.

<u>Date</u>	<u>Violation</u>	<u>Verdict</u>	<u>Disposition</u>
9/10	Setting fire (14-414)	Guilty	60 days in jail.
11/4	" " "	"	6 months in jail.
12/1	Malicious burning	"	1 yr. probation - \$1.00 per week.
12/1	Disorderly conduct	"	1 yr. probation - \$1.00 per week.
12/25	Arson		Held for Grand Jury.
12/28	Setting fire (14-414)	Guilty	30 days in jail.

	<u>72 Arrests</u>	<u>False Alarms</u>	<u>Juveniles</u>
Jan. 7	Referred to Youth Aid Bureau (3 juveniles).		
" 11	Referred to Youth Aid Bureau.		
" 16	Referred to Youth Aid Bureau.		
" 29	Referred to Youth Aid Bureau.		
Feb. 26	Reprimanded at Arson Squad office.		
Mar. 5	Referred to Youth Aid Bureau (3 juveniles).		
" 12	Reprimanded at Arson Squad office.		
" 16	Reprimanded at Arson Squad office.		
" 17	Referred to Youth Aid Bureau (3 juveniles).		
" 17	Reprimanded at Arson Squad office.		
" 21	Reprimanded at Arson Squad office.		
" 23	Referred to Youth Aid Bureau.		
Apr. 1	Referred to Youth Aid Bureau.		
" 1	Reprimanded at Arson Squad office (2 juveniles).		
" 1	Referred to Youth Aid Bureau (2 juveniles).		
" 4	Reprimanded at Arson Squad office.		
" 9	Referred to Youth Aid Bureau (2 juveniles).		
" 14	Referred to Youth Aid Bureau (2 juveniles).		
" 17	Referred to Youth Aid Bureau (2 juveniles).		
" 24	Referred to Youth Aid Bureau (2 juveniles).		
May 1	Referred to Youth Aid Bureau (2 juveniles).		
" 3	Referred to Youth Aid Bureau.		
" 4	Reprimanded at Arson Squad office.		
" 6	Referred to Youth Aid Bureau.		
" 6	Referred to Youth Aid Bureau (2 juveniles).		
" 6	Reprimanded at Arson Squad office.		
" 7	Reprimanded at Arson Squad office.		
" 11	Reprimanded at Arson Squad office (2 juveniles).		
" 13	Referred to Youth Aid Bureau.		
" 14	Referred to Youth Aid Bureau.		
" 22	Reprimanded at Arson Squad office (2 juveniles).		
" 22	Reprimanded at Arson Squad office.		
" 29	Reprimanded at Arson Squad office (2 juveniles).		
June 3	Referred to Youth Aid Bureau (2 juveniles).		
" 4	Referred to Youth Aid Bureau.		
" 18	Referred to Youth Aid Bureau (2 juveniles).		
July 3	Reprimanded at Arson Squad office (2 juveniles).		
" 4	Reprimanded at Arson Squad office.		
" 10	Referred to Youth Aid Bureau.		
Aug. 5	Referred to Youth Aid Bureau.		
" 13	Referred to Youth Aid Bureau.		
" 14	Reprimanded at Arson Squad office (2 juveniles).		
" 14	Referred to Youth Aid Bureau.		
Sept. 9	Referred to Youth Aid Bureau.		
" 20	Reprimanded to Arson Squad office.		
" 22	Reprimanded at Arson Squad office (2 juveniles).		

Arson Squad (6)

Arrests, False Alarms, Juveniles Cont'd.

Oct. 5 Referred to Youth Aid Bureau.
Nov. 8 Reprimanded at Arson Squad Office.
" 10 Reprimanded at Arson Squad office.
" 28 Referred to Youth Aid Bureau.

136 Juvenile Arrests Other
than False Alarms.

<u>Date</u>	<u>Violation</u>	<u>Disposition</u>
1/23	Malicious burning.	Ref. to Youth Aid Bureau (4 juveniles.)
1/26	" "	Ref. to Youth Aid Bureau (3 juveniles.)
1/26	" "	Ref. to Youth Aid Bureau.
2/4	" "	Ref. to Youth Aid Bureau.
2/10	" "	Reprimanded 3 juveniles.
2/15	" "	Ref. to Youth Aid Bureau.
2/18	" "	Ref. to Youth Aid Bureau.
3/26	Break, Entry & Larceny	Ref. to Youth Aid Bureau.
3/30	Break & Entry	Ref. to Youth Aid Bureau (3 juveniles).
3/30	Larceny, auto	Ref. to Youth Aid Bureau (3 juveniles).
4/1	Setting fire (rubbish)	Ref. to Youth Aid Bureau (2 juveniles).
4/4	Malicious Burning	Reprimand at Arson Squad office (4 juveniles)
4/4	Malicious Burning	Reprimanded at Arson Squad (3 juveniles).
4/4	Brush Fire and Railroad Flares	Ref. to Youth Aid Bureau (9 juveniles).
4/9	Brush Fires	Ref. to Youth Aid Bureau (2 juveniles).
4/9	Setting Fires	Ref. to Youth Aid Bureau (2 juveniles).
4/10	Playing with matches started fire.	Reprimanded at Arson Squad. (2 Juveniles).
4/12	Setting fire	Reprimanded at Arson Squad (3 juveniles).
4/17	Playing with Matches started fire.	Reprimanded at Arson Sq. (4 Juveniles)
4/28	Playing with Matches started fire.	Reprimanded at Arson Sq. (3 Juveniles)
5/6	Malicious burning.	Reprimanded at Ar son Squad. (3 juveniles).
5/7	Malicious burning.	Ref. to Youth Aid Bureau.
5/9	Setting fire & firecrackers.	Ref. to Youth Aid Bureau. (3 juveniles)
5/14	Malicious burning.	Ref. to Youth Aid Bureau (3 juveniles).
5/21	Malicious burning.	Ref. to Youth Aid Bureau (2 juveniles).
5/23	Malicious burning.	Ref. to Youth Aid Bureau.
5/29	Malicious burning (school)	Ref. to Youth Aid Bureau (2 juveniles).
5/31	Malicious burning (2nd alarm)	Ref. to Youth Aid Bureau (2 juveniles).
6/3	Malicious burning.	Ref. to Youth Aid Bureau (2 juveniles)
6/5	Malicious burning.	Reprimanded at Arson Squad.
6/6	Malicious burning.	Reprimanded at Arson Squad (2 Juveniles).
6/10	Malicious burning.	Reprimanded at Arson Squad (3 Juveniles).
6/10	Malicious burning.	Reprimanded before parents.
6/15	Playing with matches setting fire.	Reprimanded at Arson Sq. (2 juveniles)
6/22	Malicious burning.	Ref. to Youth Aid Bureau.
6/25	Playing with Matches.	Reprimanded at Arson Squad (2 juveniles).
6/27	Playing with matches setting fire.	Reprimanded at Arson Squad (2 juveniles).

Arson Squad (7)

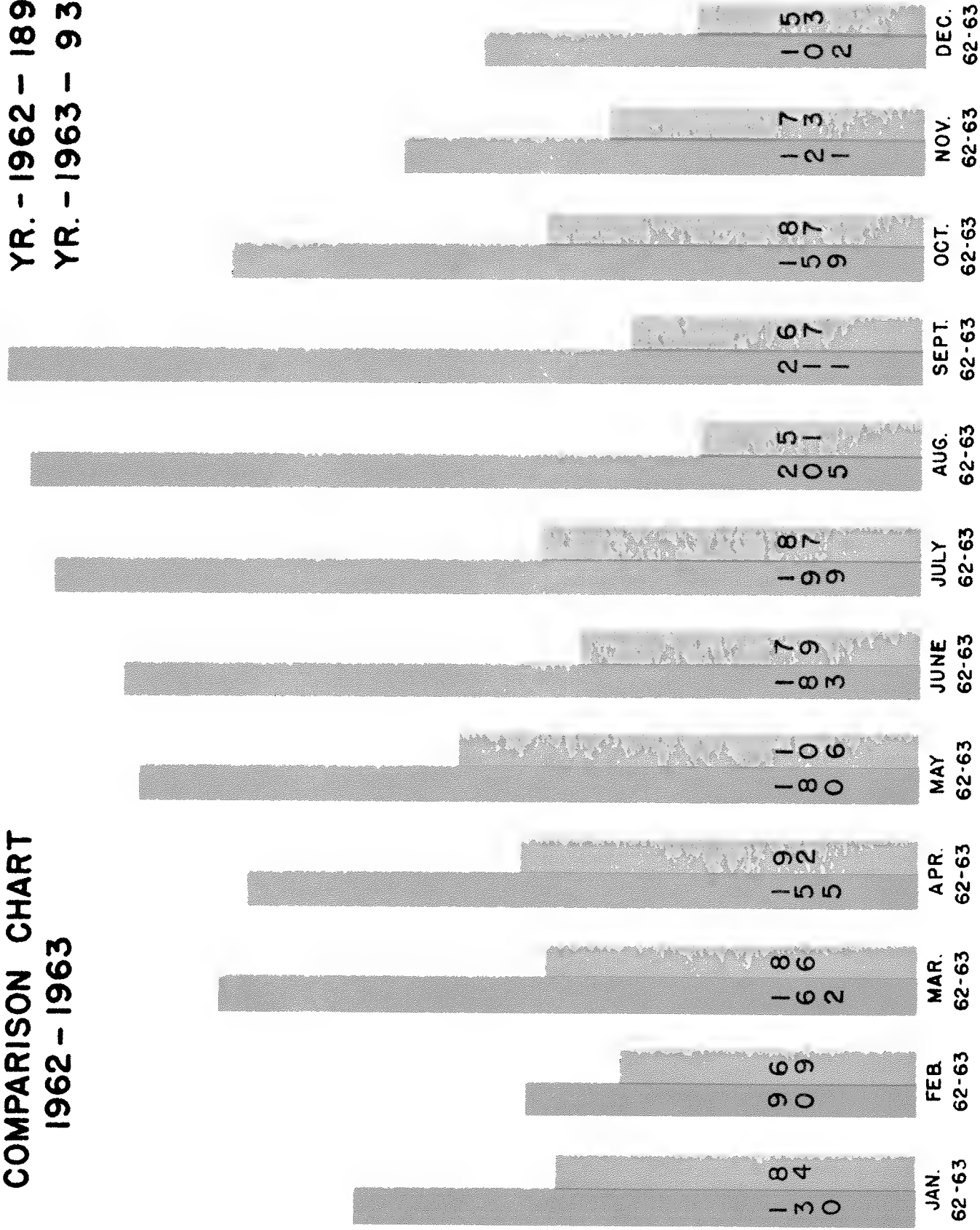
Juvenile Arrests Other than False Alarms (Cont'd).

7/8	Malicious Damage.	Restitution for damage (8 juveniles).
7/8	Break, Entry & Fire.	Reprimanded.
7/29	Break, Entry & Fire.	Referred to Youth Aid Bureau (3 juveniles).
8/8	Playing with Matches	Reprimand by Arson Squad (2 Juveniles).'
8/14	Malicious Burning.	Ref. to Youth Aid Bureau.
8/30	Malicious burning.	Reprimanded at Arson Squad (4 juveniles).
9/2	Setting fire (brush).	Reprimanded by Arson Squad (2 juveniles).
9/3	Malicious burning.	Ref. to Youth Aid Bureau (3 juveniles).
9/3	Malicious burning	Ref. to Youth Aid Bureau.
9/22	Malicious burning.	Reprimanded by Arson Squad (3 juveniles).
9/22	Malicious burning.	Reprimanded at Arson Squad (4 Juveniles).
9/22	Malicious burning.	Reprimanded at Arson Squad (2 juveniles).
9/22	Malicious burning.	Reprimanded at Arson Squad (3 juveniles).
10/2	Malicious burning.	Reprimanded by Arson Squad (2 juveniles).
10/13	Malicious burning.	Reprimanded by Arson Squad.
10/17	Malicious burning.	Ref. to Youth Aid Bureau.
11/24	Malicious burning.	Ref. to Youth Aid Bureau (2 juveniles).
12/4	Malicious burning.	Ref. to Youth Aid Bureau (3 juveniles).
12/19	Malicious burning.	Reprimanded at Arson Squad.

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FALSE ALARMS MONTHLY COMPARISON CHART 1962 - 1963

TOTAL FALSE ALARMS
YR. - 1962 - 1897
YR. - 1963 - 934



BUREAU OF COMBUSTIBLES AND FIRE RISKS

Annual Report submitted by
Chief Inspector Charles V. Stiennen
for the year ending December 31, 1963

Fires Investigated- - - - - 3,954
Complaints Investigated - - - - - 1,165

INSPECTIONS

Garages - - - - - 3,667
Fuel oil tanks - - - - - 553
Locations: (Initial inspection
for location of fuel tanks) - - - - - 532
Oil burners - - - - - 474
Gasoline tanks - - - - - 95
Solvent tanks, etc. - - - - - 87
Pumps, (all types) - - - - - 124
Spray booths - - - - - 41
Oil heaters - - - - - 53
Rooming houses - - - - - 1,386
Hotels - - - - - 295
Theaters - - - - - 298
Hospitals - - - - - 134
Schools - - - - - 135
Junk Yards & Shops - - - - - 109
Violations Corrected (Re-Inspections) - - 883
General Inspections (Dwelling, Commercial
Public, Industrial, etc.) - - - - - 9,554
TOTAL INSPECTIONS - - - - - 23,569

PERMITS

Garages, Service Stations, etc. - - - - - 2,859
Combustible Storage, Manufacturing, etc. - - 4,558
Oil Trucks and Other Solvent Trucks- - - - 900
Installing Oil Burners, Tanks, Pumps, etc. - 928
Oil Heaters - - - - - 65
Motion Picture Operators Licenses - - - - 100
TOTAL PERMITS - - - - - 9,410

FEES COLLECTED - - - - - -\$57,769.
SPECIAL DETAILS - - - - - 99
PLANS EXAMINED AND APPROVED- - - - - 169

Bureau of Combustibles & Fire Risks (2)

CLASSIFICATION OF FIRES

2 Airplanes	1 High School	1 Saw Mill
1 Airplane (Jet)	5 Home - for Aged	1 Slaughter House
1 Ambulance	1 Hoisting Crane	31 Sheds
645 Apartments	7 Hospitals	1 Ship
2 Armory	1 Hot Dog Vending Scooter	76 Sewers
32 Auto Accidents	24 Hotels	1 Scrap RubberPile
1,045 Auto Fires		1 Smoke House
	95 Industrial Bldgs.	249 Stores
1 Bank	1 Jr. High School	4 Supermarkets
1 Barge	51 Junk Yards	
1 Barn		1 Tank Ship
1 Barracks (Marine)	1 Laboratory	4 Tar Kettles
2 Boats	1 Laundromat	25 Taverns
2 Bowling Alleys	1 Laundry	4 Theaters
4 Brewery	2 Lumber Yards	805 Tenements
2 Bridge Timbers	5 Luncheonettes	1 Training Acad.
1,017 Brush		18 Trees
5 Buses	8 Mail Boxes	2 Transformers
56 Business Buildings	2 Mail Trucks	166 Trucks
	12 Mercantile.	2 Truck Terminals
1 Cattle Pen	1 Milk Vending Machine	17 T.V.Sets
22 Christmas Trees	42 Miscellaneous	
16 Churches	7 Motorcycles	1 University
12 City Waste Baskets		
3 Club Houses	1 News Stand	1 Wagon
7 Commercial Garages	3 Nursing Homes	57 Warehouses
2 Construction Sheds	1 Nursery	2 Youth Centers
3 Construction Sites		
	7 Office Bldgs.	
1 Dance Hall	2 Oil Refineries	
6 Diners	4 Outside Billboards	
3 Depots	3 Outside Telephone Booths	
5 Docks		
1 Dredge	2 Parochial Schools	
2 Dry Cleaners	1 Police Precinct	
19 Dumps	1 Police Hqs.	
2 Dumpsters	1 Post Office	
805 Dwellings	13 Private Garages	
	1 Private School	
206 Factories	38 Public Garages	
4 Fences	8 Public Schools	
1 Fork Lift Truck	34 P.S. Wires	
2 Fraternity Houses		
12 Freight Cars	43 R. R. Ties	
2 Fur Vaults	1 R. R. Tool Car	
	64 Rooming Houses	
17 Garbage Cans	601 Rubbish	
1 Gas Meter		
3 Grain Elevators		

Bureau of Combustibles & Fire Risks (3)

CAUSES OF FIRES

2 Acetylene Tanks	123 Incendiary
2 Acetylene Torches	141 Incinerators
24 Auto Brakes	73 Kerosene Heaters
3 Auto Air Cleaners	4 Kerosene Lamps
3 Break & Entry	8 Kerosene Ranges
6 Bon Fires	10 Kerosene Street Flares
2 Broken Light Bulbs	45 Kitchen Ranges
363 Careless Cooking	9 Lightning
30 Careless Handling of Flam. Liq.	861 Matches
210 Carburetors	17 Malicious
15 Candles	143 Miscellaneous
4 Chemical Reactions	91 Motors
71 Chimney	224 Oil Burners
2 Cigar Lighters	2 Oil Spill on Hot Motors
1 Coal Range	2 Overheated Clutches
23 Delayed Ignition at Furnace	2 Overheated Hot Water Heaters
2 Dust on Lamps	1 Overheated Manifold
2 Electric Clothes Dryer	2 Overheated Pot Stoves
7 Electric Irons	5 Overheated Transmissions
1 Electric Ironer	2 Overheated Vapors (Chemicals)
8 Electric Space Heaters	1 Paint Spill on Gas Range
6 Explosions	1 Paint Vat
20 Fire Crackers	4 Picking Machines
6 Flue Pipes	1 Clothing in Oven
11 Flying Embers	2 Rags in Oven
12 Friction	1 Rags on Hot Motor
9 Friction Sparks	12 Refrigerators
1 Fuel Filter	22 Rekindles
26 Fuel Lines	2 R. R. Flares
8 Fumigation Candles	12 Salamanders
1 Furnace Explosion	2 Sparks from Breaking Bulbs
67 Furnace	20 Sparks from Trains
11 Gas Clothes Dryer	847 Shorts
2 Gas Leak	3 Static Sparks
5 Gas Lines	2 Steam Explosion
7 Gas Heaters	117 Spont. Comb.
1 Gas Furnace	2 Sun's Rays
4 Gasoline Leaks	8 Suspicious
2 Grease on Motors	2,116 Smoking
1 Hair Dryer	8 Tar Kettles
1 Heat Treating Furnace	1 Thawing Pipes
7 Heat Conduction	89 Torches
20 Heat Radiation	3 Transformers (High Power)
44 Hot Ashes	242 Undetermined
1 Hot Kettle Spill (Chemical)	71 Vandals
	49 Vagrants
	32 Wiring

Bureau of Combustibles and Fire Risks (4)

PRINCIPAL FIRES 1963

<u>DATE</u>	<u>ALARM</u>	<u>ADDRESS</u>	<u>OCCUPANCY</u>	<u>BUILDING</u>	<u>CAUSE</u>
1/8	3rd	7 Chester Ave.	Pittsburg Paint	Factory 4 Bk.	Train hit tank trailer-setting contents afire.
1/24	2nd	174 Fleming Ave.	S. Barbarino	3 Fr. Tene.	Careless Smoking
2/13	3rd	17 Pennington St.	Hotel	4 Br.	" "
2/15	3rd	27 Haynes Ave.	HyGrade Felt	3 Br. Fac.	Carelessly Dis- carded cig.
2/15	2nd	42 Halstead St.	Balog	2½ Fr. Dw.	Careless Smoking
2/17	2nd	112-14 No. 7th St.	Mrs. Schultz	4 Br. Apt.	" "
3/15	2nd	174 Hillside Ave.	D. Edwards (2 bldgs)	3 Fr. Apt.	Children Matches
3/20	3rd	288 Nye Ave.	Malgreen Lum.Co.	(Office Bldgs. & Sheds)	Incendiary
4/7	2nd	270 So. 12th St.	Beatrice Clark	3 Fr. Apt.	Children Matches
4/11	3rd	281 Bergen St.	L. McKenna	4 Bldgs. 3 Fr.	Apt. Vagrants
4/12	3rd	262 Passaic St.	Hillside Metal	1-Foundry	Undet. Possibly Welder's torch
4/12	2nd	429 So. 12th	Allen Gedall	3 Fr. Dwell.	Incendiary(Juv.)
4/15	3rd	539 Ave. P	Major Scrap Rubber	Brush	Brush & Pile of tires,wind driven sparks
2/15	2nd	221-9 New St.	Abandoned Bldgs.	2 Fr. Tene.	Boys (Matches)
2/24	2nd	176 Elizabeth Ave.	(A & P Supermarket	1 Brick	Careless Cig.
2/24	3rd	21 Hillside Pl.	Percy Berney	4 Br. Apt.	Smoking in Bed
2/27	2nd	468 Clinton Ave.	ElmerGyerlay	3 Br.Apt.&Stores	Break & Entry
2/29	2nd	372 Jelliff Ave.	Actno Industry	3 Br.Factory	Overheated Oven
5/7	3rd	125-31 Spruce St.	Ida Steinceich	(3-St.Fr.Ten. (1-4St.Br.Apt.)	Undetermined
5/8	2nd	76 Somerset St.	Vacant Bldg.	3 Fr. Ten.	Vagrants
5/25	2nd	39 Broadway	Cijere Fur. Co.	3 Fr. Store	Bonfire (Juv.)
5/31	2nd	1050 Broad St.	Hotel-Essex House	13 Br.Hotel	Incendiary
6/4	2nd	611-3rd St.	Knight of RestCo.	1 Br. Factory	Break & Entry
7/2	2nd	500 Clinton Ave.	Bens Army Navy	3 Fr. Apt.&Store	ChildrenMatches
7/5	2nd	187 Prince St.	Var. Tenants	3 Fr. Ten.	Hot Ashes
7/8	2nd	354 Halsey St.	Abandoned Bldg.	3 Br. Ten.	Vagrants
7/12	2nd	409 Washington St.	" "	3 Br. Ten.	"
7/13	2nd	303 - 15th Ave.	Irving Matton	4 Br. Apt.	ChildrenMatches
7/27	2nd	610-14 Hunterdon St	Ehrenkranz&Jennings	3 Fr.Ten.	Incendiary
8/7	2nd	330 High St.	Vac.Frat.House	3 Fr.	Undetermined
8/16	2nd	324 Astor St.	Linden Packing Co.	1&3 St.Concrete	Incendiary
9/1	2nd	12-16 Mercer St.	Vac.Bldg.N.H.A.	3 Fr. Ten.	Vagrants
9/2	2nd	152-4 Hunterdon St.	Sarah & Leroy Green	2½ Fr. Dwel.	Undetermined
9/6	2nd	83 Monmouth St.	Vac.Bldg.N.H.A.	3 Br. Apr.	Vagrants
10/5	2nd	182 Badger Ave.	Englander Co.	4 Br. Apt.	Vagrants
10/26	2nd	Port St. & Turnpike	Ed.Naden Truck.	Tank Truck & FreightTrain	Accident
10/31	2nd	156 Springfield Ave.	Leon Pepler	3 Fr. Ten.	Pending'
12/16	2nd	285 Emmett St.	Stacor Corp.	1 Br.Factory	Sparks & Fumes
12/23	2nd	73-75 Monmouth St.	Vacant Bldg.N.H.A.	3 Fr. Tene.	Pending

Bureau of Combustibles and Fire Risks (5)

The following is an account of additional activities conducted by the Fire Prevention Bureau for the year 1963.

Special inspections of all schools, public, parochial, and private, were made for the purpose of eliminating all possible hazards and submitting to the Superintendent of Schools and other authorities a list of violations which were to be corrected.

Letters were sent to the Building, Health, and Electrical Departments listing violations of their respective Codes which Fire Inspectors found while making their inspections. These Departments were also furnished with addresses of properties that suffered fire damage so that their inspectors could make necessary inspections before issuing permits for repairs in the various categories.

Special inspections were made in cooperation with the Superintendent of the Building Department, of all stairways, refrigerator systems, air conditioned systems, etc., of all new buildings, remodeled buildings, hotels and hospitals. Special tests were made on new standpipe installations, sprinkler systems and fire pumps. Special inspections were made in conjunction with other city departments relative to granting licenses for dance halls, hotels, boarding houses, and rooming houses.

Special inspections of all taverns for any violations were made prior to issuance of licenses or the granting of renewals by the A.B.C. Board.

A special detail from this Division patrolled the downtown area to check on conditions, and to prevent smoking in stores during the Christmas rush.

Notices regarding holiday decorations were distributed to all taverns, restaurants, hotels, and night clubs. Other notices were distributed to storekeepers regarding Christmas decorations and storage of stock.

Details were assigned to various locations throughout the city for fireworks displays, carnivals, and all special events involving large groups of people.

Chief Inspector Charles V. Stiennen attended conferences with the National Commission for Neighborhood Conservation and Rehabilitation (N.C.N.C.R.) and made recommendations for Fire Prevention measures.

Sixteen subpoenas were served to this office for records in fire investigations, and fifteen court appearances were made by officers and members of the Bureau for violations of the City Fire Code.

Special inspections were made for requirements of the new ordinance on explosion -proof refrigerators in hospitals, industry, and other buildings.

Certificates of achievement were awarded to schools, hospitals and other institutions in 1963. These certificates were awarded for efficiency in conducting fire drills and other fire prevention activities throughout the year.

Where certificates were awarded, fire drills and evacuation plans were evaluated and improved. All personnel, including members of the staff, received training in these activities plus instruction and actual operation of all types of fire extinguishers.

Bureau of Combustibles and Fire Risks (6)

During the Christmas season in 1963 a special fire prevention pamphlet entitled "Gifts at Christmas" was inserted in all mail from this Bureau. This pamphlet contains necessary precautions for Christmas Trees, and other safety measures in case of fire. The Newark Post Office received these pamphlets for distribution in the main office and in branch post offices. 53,000 of these pamphlets were distributed in this manner.

Another pamphlet entitled "60 Ways to Prevent Fire in Your Home" was also distributed in all mail from this Bureau. This pamphlet spells out inspection practices for the home and other recommendations for home fire safety. 12,000 of these pamphlets were distributed in this manner.

FIRE PREVENTION WEEK

During Fire Prevention Week talks on fire prevention were given to 97 assemblies in public, parochial, and private schools.

These talks were given by officers and members of the Department who successfully completed a course in public speaking. The speakers also conducted fire drills in schools and distributed 121,000 fire prevention pamphlets to these assemblies. Officers and members of the Fire Prevention Bureau distributed 1,400 special fire prevention posters to stores, factories, schools and other buildings throughout the city.

Outdoor fire fighting demonstrations and fire rescue operations were conducted by the Fire Department at Military Park, the Newark Post Office, and other locations in the city. Portable kerosene heaters were displayed on a special float constructed by the Fire Department, and equipped with signs indicating the number of lives lost through the use of such stoves. The float also carried signs with the number of lives lost through careless smoking. This float was driven throughout the city and was stationed at locations where it could be observed by the public.

HOTELS

In 1963 a new "Hotel Fire Safety Plan" was launched in Newark by the Fire Prevention Bureau. All hotels in the city were visited by the Fire Department representatives with written instructions for use by Management for the Fire Safety of all persons in such buildings. These instructions were directed to employees in hotels for evacuation, fire fighting, and fire prevention.

This program will be continued as a permanent part of Fire Prevention activities by this Bureau.

ROOMING HOUSES

Another innovation in the Fire Prevention Bureau was started in 1963 in the form of written instructions delivered to owners and operators of rooming houses in Newark. With the use of these instructions fire inspectors will aid rooming house operators to maintain a more fire safe establishment.

These written instructions include Newark City Fire Code requirements and other safety features for fire prevention in Rooming Houses. This activity will also be continued as a regular part of fire prevention in the City of Newark.

BUREAU OF COMBUSTIBLES & FIRE RISKS (7)

DEMONSTRATIONS

Fire Fighting Demonstrations

In 1963 Fire Fighting demonstrations were conducted on 51 occasions which included instruction of personnel in hospitals, nursing homes, orphanages, and schools.

Participation in fire drills and operation of fire extinguishing equipment by staff members and other employees of these establishments was conducted by officers and members of the Fire Prevention Bureau.

FIRE PREVENTION DEMONSTRATIONS

In 1963 a new concept in visual fire education was formally presented to the public by the Newark Fire Department.

This "Fire Education Exhibit" was conceived and developed by officers and members of the Newark Fire Department, and the Fire Alarm and Radio Division under the guidance of Director John P. Caufield.

The exhibit consists of working models of miniature buildings which actually explode and ignite. Flammable liquids are displayed and their hazards explained as the flames are extinguished.

An electrical circuit similar to home wiring systems is activated in a cabinet which demonstrates overloaded electrical systems and fuse failure. This part of the exhibit demonstrates to the public the action of a short circuit by causing wires to be heated to a point of incandescence and ignite combustible material in homes, including baseboards, walls, and other locations in the average home. Dangerous commercial products (aerosol type) are activated and their hazards explained. Approved safety devices are displayed and operated.

Kitchen fires in cooking utensils are actually ignited and extinguished in the exhibit to educate the public in safety precautions in such fires.

Fire Department equipment including tools, masks, hose lines, nozzles, and salvage operations are displayed and explained.

A regulation city fire alarm box is displayed and operated with the audience participating in this activity. This fire alarm box is equipped with the latest devices for detection of persons sounding malicious false fire alarms.

In view of the serious nature of the malicious false alarm problem suffered in all municipalities, this part of the exhibit is used to inform the public of the effort and methods used by the Newark Fire Department to successfully combat this evil, to reduce its cost, and to gain the cooperation of all citizens to reduce the number of malicious false fire alarms.

NOTE: Elsewhere in the Annual Report of the Fire Department, the figures of the number of malicious false alarms sounded annually in the city, plus the results of a concentrated program instituted to reduce the number of malicious false alarms are presented by the Arson Squad of the Newark Fire Department.

Bureau of Combustibles and Fire Risks (8)

Four members of this Division attended a special course of instruction for fire inspectors conducted by the University of Maryland in April, 1963. This course was designed specifically for full time fire inspectors.

Representatives of the Fire Prevention Bureau assisted other departments of the city government by providing information in cases requiring action such as procedures on inspection and investigation of fires, and other conditons where violations of ordinances existed.

Lectures were given by members of this Division on fire investigation, fire inspection, duties of inspectors, etc. These lectures were given on a municipal, county, and state level in various fire schools throughout the state.

The Fire Prevention Bureau is also represented by membership in the New Jersey State Fire Prevention Association, the National Fire Protection Association, the New Jersey State Fire College, and the New Jersey State Safety Council.

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FIRE ALARM AND RADIO DIVISION

Annual Report submitted by
Supt. Arthur J. Moore
for the year ending December 31, 1963

<u>General Service Line Force</u>		<u>Totals</u>
1. Subterranean cable installed, programmed replacements, circuit extensions. (Feet of conductor)- - - - -		194,920
2. Old cable removed (feet of conductor)- - - - -		35,035
3. Complete transfers of equipment from old to new poles - - - -		59
4. Line wire installed (circuit extensions, replacement)feet of conductor - - - - -		34,272
5. Pedestals or stanchions set - - - - -		7
6. Fire Alarm Boxes installed - - - - -		19
7. Messenger wire installed (feet)- - - - -		270
8. Fire Alarm Boxes relocated - - - - -		5
9. Subterranean ducts rodded and cleaned (feet) - - - - -		5,144
10. Construction released on poles - - - - -		15
11. New cable test or junction boxes installed - - - - -		4
12. Duct wire pulled in (feet) - - - - -		5,021
13. Cable test or junction points rehabilitated - - - - -		83
14. Pole line faults found and referred to utility owner for correction		72
15. Preventive maintenance patrol or aerial circuits (miles) - - -		1,240
16. Trees trimmed - - - - -		102
17. Fire house batteries serviced (sets) - - - - -		129
18. Test boxes and stanchions inspected and cleaned - - - - -		42
19. Cleared weeds and brush around fire box poles and stanchions to increase visibility - - - -		20
20. Tree guards installed - - - - -		12
21. Reset or replaced stanchions or fire boxes damaged by motor vehicles - - - - -		8
22. Cross arms installed (circuit extensions, etc.) - - - - -		61
23. Division's motor vehicles washed and serviced - - - - -		354
24. Janitorial duties (man hours) - - - - -		1,400
25. Other major job operations completed. (Spliced cables; eliminated conductor slack; drilled poles; relocated fire alarm boxes; installed mechanical devices to thwart false alarmists; corrected faults; etc.) - - - - -		346
26. Other minor job operations completed. (Replaced pole insulators/pins; retaped splices; inspected equipment, etc.) - - - - -		173
27. Accumulated over-time (man hours). - - - - -		672
<u>Box Inspector</u>		
1. Fire Alarm boxes inspected, cleaned and tested - - - - -		1,025
2. Test box locks replaced with tamper-proof device - - - - -		16
3. Supervised fire alarm box and stanchion painting - - - - -		666
4. Fire Boxes daubed with chemicals - - - - -		172
5. Other minor jobs of preventive maintenance completed. (Tightened connections; wound box mechanisms, etc.)- - - - -		402
6. Other major jobs of preventive maintenance completed. (Substituted signal box movements; changed fire box locks; made ready replacement units; etc.) - - - - -		112

Fire Alarm and Radio Division (2)

<u>Repair Shop Maintenance Force</u>		<u>Totals</u>
1. Audio hailers inspected, repaired and tested - - - - -		12
2. Auxiliary Central Office power plant test operated (hours) - -		72
3. Office panels cleaned, equipment refurbished - - - - -		12
4. Recorders and time stamps inspected and tested - - - - -		14
5. Power Packs installed to replace batteries - - - - -		3
6. Other major job operations completed. (Rewired fire alarm boxes and firehouses; repaired electrical apparatus, etc.)		114
7. Other minor job operations completed. (Cleaned office instruments; sharpened tools; conducted tests; maintained shop stock records, etc. -		1,020

Miscellaneous

1. Maintained field communication center at fires (hours)- - - -	7
2. Inspection of field facilities made (locations) - - - - -	821
3. Inspection of systems in private property - - - - -	47
4. Private contractors assisted in planning fire alarm systems - -	9
5. Circuits patrolled (miles) - - - - -	232
6. Schools and institutions surveyed for fire alarm box installations	6
7. City sites inspected for proposed installation of street boxes -	40
8. Accumulated overtime hours - - - - -	88

Central Office Force

1. Alarms transmitted - - - - -	11,426
2. False alarms received (the records of these false alarms are kept by the Arson Squad) - - - - -	934
3. Box tests supervised - - - - -	1,025
4. Misdirected telephone reports for fire in surrounding municipalities received and conveyed to proper department- - - - -	4
5. Tests from private fire alarm companies supervised - - - - -	2,920
6. Tests conducted of Airport fire alarm facilities - - - - -	765
7. Telephone calls handled over P.B.X. switchboard (approx.)- - -	500,000
8. Radio calls handled - - - - -	169,992
9. Number of circuits completely tested- - - - -	66,180
10. Misc. reports prepared and distributed- - - - -	6,618
11. Individuals and agencies dispatched to multiple alarm incidents by telephone - - - - -	765
12. Other minor job operations completed - - - - - (Janitorial duties; bookkeeping functions.)	2,500

CENTRAL OFFICE

ITEMS		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.	Total
1. CONG ALARMS TRANSMITTED TO THE DEPARTMENT														
(a)	Full assignment alarms (Response of all units normally scheduled)	392	326	390	443	439	373	408	377	370	429	368	388	4,663
(b)	Signal 8 Alarms. (Response limited to an Eng.Co., Truck Unit and Batt. Chief	78	46	38	71	47	50	58	50	46	47	49	87	667
(c)	Signal 9 Alarms. (Two Eng. Cos., a Truck Unit and Batt. Chief respond.	3	8	13	57	9	4	2	3	3	3	1	5	111
(d)	Total of the foregoing.	473	380	441	571	495	427	468	390	419	479	418	480	5,441
2. ONE UNIT ALARMS TRANSMITTED TO THE DEPARTMENT														
(a)	Signal 5 Alarms. (For Minor outside incidents, parades, drills, etc.	370	299	433	1,034	522	536	577	518	470	516	324	370	5,979
3. TOTAL ALARMS IN ALL CATEGORIES		843	679	874	1,605	1,017	963	1,045	908	889	995	742	850	11,420
4. METHOD BY WHICH CENTRAL OFFICE RECEIVED ALARMS														
(a)	From Municipal fire alarm box	182	133	193	301	264	196	218	186	191	232	185	148	2,429
(b)	From public by telephone	225	223	225	243	196	197	212	178	203	228	219	289	2,638
(c)	From American District Telegraph private automatic systems	41	15	11	7	16	18	26	19	11	10	6	30	210
(d)	From Newark District Telegraph private automatic systems	5	1	1	1	1	4	5	2	0	0	1	1	22
(e)	From Electro Protective Company's private automatic systems	4	1	1	0	0	0	3	0	2	1	1	4	17
(f)	Telephone alarms initially communicated to Police by the public and relayed to Fire Department	12	2	6	13	11	5	0	1	2	4	0	3	59
(g)	Telephone alarms initially routed to other Fire Departments, relayed to this Central Office by them.	0	3	0	0	1	0	0	0	1	0	0	0	5

ITEM	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct	Nov.	Dec.	Total
(h) Fires reported by personal visit to fire house	4	0	3	2	3	4	2	3	3	0	4	2	30
(i) Alarms ordered by radio from Department units in the field	0	2	1	4	3	3	2	1	6	4	2	3	31
(j) Total (Paragraph 1)	473	380	441	571	495	427	468	390	419	479	418	480	5441
5. MULTIPLE ALARMS													
(a) Second Alarms. (Incidents handled by two full assignment responses	1	2	1	6	3	1	6	2	3	3	0	2	30
(b) Third Alarms. (Incidents wherein 3 full assignment responses were required)	1	2	1	4	1	0	0	0	0	0	0	0	9
(c) Fourth Alarms. (Incidents wherein 4 full assignment responses were required.)	0	0	0	0	0	0	0	0	0	0	0	0	0
(d) Total multiple alarms	2	4	2	10	4	1	6	2	3	3	0	2	39
6. ALARMS FROM FIRE BOXES													
(a) Total number of fire alarm boxes pulled for incidents	212	145	241	345	367	270	234	261	231	270	272	175	3003
(b) Number of signals from fire boxes suppressed because alarm had been already transmitted	30	12	48	44	103	74	16	75	40	38	67	27	574
7. REPORTS FOR SAME FIRE RECEIVED THROUGH TWO UNRELATED MEDIUMS													
(a) Confirming alarm rec'd from fire box after notice by phone	5	8	20	25	20	14	35	10	8	17	14	12	188
(b) Confirming phone notice rec'd after alarm from fire box	7	6	8	7	8	6	9	5	10	4	11	9	90
(c) Total No. of incidents where alarm was rec'd through more than one med.	12	14	28	32	28	20	44	15	18	21	25	21	278
(d) Total No. incidents where alarm was rec'd by one medium only	461	366	413	539	467	407	424	375	401	458	393	459	5163
8. UNITS RELOC. TO PROVIDE EQUAL COVERAGE OF CITY DURING EMERG.	50	66	57	123	48	32	77	38	56	68	47	66	728
9. TELEGRAPH SIGNALS TRANSMITTED	4542	3034	2884	6556	5513	4794	5272	4466	4577	5387	4161	4770	56,576
10. UNITS ENROUTE TO ALARMS STOPPED BY RADIO AND PUT IN SERVICE	2081	1672	1940	2423	2123	1836	2007	1716	1843	2107	1800	1888	23,636

SPECIAL SERVICE AND SUPPLY COMPANY

Annual Report submitted by
Deputy Chief Peter B. Kelly
for the year ending December 31, 1963

This Company serves the Department 24 hours a day, seven days a week. There are always four men on night duty to respond with Special Service emergency trucks to assist in any emergency.

The following vehicles are assigned to and operated by this Unit.

- 1 - Dodge 4-door sedan for Deputy Chief Peter B. Kelly.
- 1 - Dodge 4-door sedan for Supervisor of Apparatus Daniel Tauriello.
- 1 - Dodge 4-door sedan for Captain Herman Brunner.
- 1 - Plymouth 4-door sedan for Department messenger.
- 1 - G.M.C. 1-ton emergency truck.
- 1 - G.M.C. 1-ton utility truck.
- 1 - Dodge 3/4-ton open body delivery truck.
- 1 - Ford 1/2-ton truck open body for recharging fire extinguishers.
- 3 - Ford 1/2-ton trucks used for pick-up.

This Company responded to 72 alarms of fire with smoke ejector, floodlights, generators, portable pumps, foam powder, foam liquid, wet water, etc.

Public Relations: Participated in 20 demonstrations showing the proper handling of C.O.2, foam, soda and acid, and dry powder fire extinguishers at hospitals, schools and institutions. Also participated in Fire Prevention Week activities.

Pumping Out Cellars: A total of 23 cellars were pumped out for a total pumping time of 89 hours.

Cut and pulled weeds and brush around all hydrants in the Port Newark and other outlying areas. Inspected 270 hydrants of which 67 were reported to the Water Department as being out of service.

Made all necessary change of apparatus. This required moving 210 pieces of apparatus from the various companies to the Empire Street repair shop, to the paint shop, body shop, Allied Spring Co., A & P Brake Co., and back to company of origin. Also took all cars requiring State inspection to the Hartford Street inspection station. All were given passing stickers.

Apparatus and other vehicles requiring radio repairs and new radio installations were brought to R.C.A. Corp. at 17 Prospect Street and 75 Somme Street for completion of this work.

This Company supplied gasoline and oil to pumpers and other apparatus at the scene of multiple alarms and other fires or emergencies. A total of 12,989 gallons of gasoline were received by Special Service & Supply; of this amount, 2,000 gallons were delivered to the Fire Boat, and 3,309 gallons to apparatus at fires; the rest being used by company trucks.

During the year Special Service picked up a total of 308 C.O.2 extinguishers from various companies for recharging, replacing same at time of pick-up with a charged extinguisher. Tanks not having been hydrostatically tested in a period of five years receive the I.C.C. test before being recharged.

Special Service and Supply Co., (2)

The Canvas Shop repaired all old salvage covers and replaced those no longer serviceable; stencilled 50 new salvage covers. Made protective canvas covers for the tops of hose compartments on apparatus, also for spine boards, foam boxes, mask boxes, stanchions for aerial ladders, control levers, hailers, stretchers, tool bags, pay-roll pouches, etc.

Members of this company participated in numerous company drills, operating the smoke ejector, both from house current and generator, drilled in the use of portable pumps, generators, and floodlights. Maintained apparatus and equipment used by Special Service in good operating condition, properly equipped and ready to respond in any emergency.

Members of this Company made all transfer and replacement of 203 ladders, for a total of 6,299 feet, which were damaged or broken at fires; also made transportation arrangements to the carpenter shop for all ladders in need of refinishing or repair.

All supplies, tools, equipment, varsol, disinfectant, waste rags, soap, etc., are requisitioned monthly by the various companies, and are apportioned and delivered by Special Service and Supply. This requires the making of approximately 60 deliveries a month. Those supplies or equipment ordered by special requisition, are delivered as soon as possible upon receipt of same, and requires about 700 deliveries a month.

This unit repaired a total of 432 Porto Lights and supplied 585 batteries for same; also delivered 805 Burrell All Service gas mask canisters, 191 oxygen tanks, and 149 Scott Air Tanks

A total of 78 - 100 lb. bags of rock salt were delivered to the various companies to be used on their icy sidewalks. This Unit also delivered to companies 445 gallons liquid foam, 550 lbs. foam powder (Hopper type) and 100 gallons wet water.

During the year, this Company delivered 10 metal lockers and 17 metal filing cabinets to the various firehouses; picked up seven air compressors for repairs and later delivered repaired compressors back to companies.

A special service rendered by this company is the refilling of extinguishers at hospitals, institutions and city buildings. In 1963, a total of 130 soda and acid extinguishers, and 20 foam fire extinguishers were so serviced.

Many other services of diversified description necessary to the efficient operation of the Fire Department were performed by Special Service and Supply Company during the year 1963.

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SPECIAL SERVICE & SUPPLY COMPANY

Apparatus Division

In compliance with orders, the following report is herewith submitted.

All new vehicles purchased by the Fire Department were thoroughly checked for compliance with specifications set by the Chief Engineer. Service testing of pumpers was conducted when weather and tide conditions permitted. Drivers, pump and aerial operators were given lectures and demonstrations on the correct handling methods of their apparatus and equipment.

A schedule of preventive maintenance was set up and followed. All repairs made on Fire Department vehicles were recorded and filed at this office for future reference. Cars and trucks requiring state inspection and winterizing received same.

With the aid of a mechanic, all units working at multiple alarm fires were checked and kept in good working condition.

A two-stage parallel-series centrifugal pump, and a library have been set up in the basement at 56 Prospect Street, Apparatus Headquarters. Members of the department have been invited to stop in at any time.

Fire Apparatus in Service:

- 25 triple combination pumpers, 5 spare pumpers.
- 10 hose wagons, 2 spares.
- 12 aerial trucks, 3 spares.
- 2 salvage wagons, 1 spare.
- 1 rescue wagon.
- 1 fire boat.
- 1 foam unit.

New Vehicles Purchased and Placed in Service in 1963:

- 1 - 750 G.P.M. Howe hose wagon.
- 1 - Ford 1/2-ton pick-up truck.
- 1 - Oldsmobile 88

Vehicles turned over to the Department of Motors (no longer serviceable):

- 2 American LaFrance triple combination pumpers.
- 2 Ford LaFrance hose wagons.
- 2 spare chiefs cars.
- 1 Buick 1955, spare Arson Squad car.

SPECIAL SERVICE & SUPPLY COMPANY

Apparatus Division (2)

Vehicles painted:

Truck Co. 9 - Pirsch 85' aerial truck.
Eng. Co. 16 - 1,000 g.p.m. Mack pumper.
Ford 1/2-ton pick-up truck (used by Special Service).

New Engines installed in the following:

Truck Co. 11, an American LaFrance 85' aerial
Truck Co. 8, " " " " "
Truck Co. 4, " " " " "

Rebuilt Engines installed in the following:

Unit #2 of Engine Co. No. 15, a 1943 Ford LaFrance 500 g.p.m. hose wagon.
Engine Co. No. 27, F. W. D. 1,000 g.p.m. triple combination pumper.

Engines Nos. 6 and 14 had body work done so that they could carry the specified amount of hose, in compliance with N.B.F.U. specifications for pumpers.

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Special Service and Supply Co.

Hose Division

The following report indicates the amount of fire hose in actual service, new hose in reserve, used hose on hand as of December 31, 1963.

2½" In Service (with companies)	1446 - 50' lengths	122,300 ft.
2½" In Stock (New) Reserve	17 - 50' lengths	850 ft.
2½" In Stock (Old) Reserve	63 - 50' lengths	3,150 ft.
Total Available for Fire Duty	1526 - 50' lengths	126,300 ft.
1½" In Service (with companies)	691 - 50' lengths	34,550 ft.
1½" In Stock (New) Reserve	18 - 50' lengths	900 ft.
1½" In Stock (Old) Reserve	18 - 50' lengths	900 ft.
Total available for Fire Duty	727 - 50' lengths	36,350 ft.
3" In Service (with companies)	1190 ft. in various lengths	
3" In Stock (New) Reserve	8 - 50' lengths	400 ft.
3" In Stock (New) Reserve	1 - 30' lengths	30 ft.
3" In Stock (New) Reserve	1 - 18' lengths	18 ft.
3" In Stock (Old) Reserve	1 - 30' lengths	30 ft.
3" In Stock (Old) Reserve	1 - 20' lengths	20 ft.
Total available for Fire Duty		1,688 ft.
4½" In Service (with companies) Soft Suction	34 - 15' lengths	510 ft.
4½" In Service (with companies) Soft Suction	1 - 20' lengths	20 ft.
4½" In Stock (Reserve) Soft Suction	3 - 15' lengths	45 ft.
Total Available for Fire Duty	38 lengths	575 ft.
¾" Booster (Regular) Hose	205 - 50' lengths	10,250 ft.
¾" Booster (Regular) In Stock (New)	7 - 50' lengths	350 ft.
¾" Booster (Regular) In Stock (Old)	2 - 50' lengths	100 ft.
Total Available for Fire Duty	214 - 50' lengths	10,700 ft.
1" High Pressure Booster Hose, In Service (Old)	17 - 50' lengths	850 ft.
1" High Pressure Booster Hose, In Stock (Old)	3 - 50' lengths	150 ft.
All in urgent need of replacement	20 - 50' lengths	1,000 ft.
6" Hard Suction Hose (In Service)	42 - 10' lengths	420 ft.
6" Hard Suction Hose (In Stock) New	6 - 10' lengths	60 ft.
6" Hard Suction Hose (In Stock) Old	5 - 10' lengths	50 ft.
Total Available for Fire Duty		530 ft.
5" Hard Suction Hose, In Service	14 - 10' lengths	140 ft.
5" Hard Suction Hose, in Stock (Old)	4 - 10' lengths	40 ft.
Total Available for Fire Duty	18 - 10' lengths	180 ft.

Special Service and Supply Co.

Hose Division (2)

4½" Hard Suction Hose, In Service	18 - 10' Lengths	180 ft.
4" Hard Suction Hose, In Service	8 - 10' lengths	80 ft.
4" Hard Suction Hose, In Stock (Old)	<u>2 - 10' lengths</u>	<u>20 ft.</u>
Total Available for Fire Duty	10 - 10' lengths	100 ft

Hose available for sale as seconds:

2½" 66 - 50 ft. lengths

1½" 18 - 50 ft. lengths

Hose Tested:

2½" - 69,250 ft.

1½" - 31,100 ft.

Booster Hose - 10,500 ft.

Hose Repaired:

2½" - 14,800 ft.

1½" - 10,950 ft.

Booster Hose - 3,875 ft.

New Hose Issued:

2½" - 357 - 50 ft. lengths 17,850 ft.

1½" - 247 - 50 ft. lengths 12,350 ft.

3" - 100 ft.

4½" - 110 ft. Soft Suction

3/4" - 15 - 50 ft. lengths Booster Hose 750 ft.

1 - 10 ft. length Hard Suction Hose.

Nozzles, Valves, Adapters and other equipment Repaired.

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TRAINING ACADEMY

Annual Report submitted by
Deputy Chief Henry L. Schoettly
for the year ending December 31, 1963

Number of training sessions conducted:	
at the Academy - - - - -	125
at quarters of fire companies- - - - -	8,421
elsewhere (other than above) - - - - -	570
Number of subjects given - - - - -	50
Total attendance at sessions- - - - -	49,900
Total hours of instruction - - - - -	9,672
Total student man-hours - - - - -	61,520
Number of photo assignments covered - - - - -	183
Number of photos taken- - - - -	1,071
Number of photos printed- - - - -	2,660
Number of motion pictures shown - - - - -	71
Total attendance at motion pictures - - - - -	6,700
Number of oxygen cylinders refilled - - - - -	344
Number of masks repaired - - - - -	428
Number of resuscitators repaired- - - - -	10
Number of radiological monitoring devices repaired	1

The statistics listed above are a consolidation of the many and diversified activities carried on by the personnel of the Academy, and are explained as follows:

Training sessions at the Academy included Basic Training courses for recruit firemen; mask retraining for battalion chiefs; public speaking course for members of the Department chosen to take the course; training in cooperation between Police and Fire Departments for recruit policemen; fire safety for School Crossing Guards; fire prevention for various groups who visited the Academy from within and outside the city.

Lectures and training sessions were conducted for the private Fire Brigades of industrial plants and other groups, including the Wilbur Driver Company, Anheuser-Busch Brewery, the Mount Carmel Guild, St. Barnabas Hospital, Weequahic Branch Library, etc.

All members of the Department were trained in First Aid and were given First Aid cards. This training was conducted at the quarters of companies by Physical Instructor Joseph O'Connor of the Academy staff, who also gave several lectures and demonstrations on First Aid, Closed Chest Cardiac Massage, Mouth to Mouth Resuscitation, and use of the E & J Resuscitator to groups outside the Department, who requested this service.

The Academy trained speakers and cooperated with the Fire Prevention Bureau in making arrangements and assigning the speakers to public and parochial schools during Fire Prevention Week.

Mask retraining was conducted for all fire companies at the Civil Defense facilities on Avenue K. Mask research was undertaken by the Academy in conjunction with the Mine Safety Appliance Company and the Acme Protection Equipment Company. Tests were made of the conditions under which mask training is given to recruit firemen. All mask canisters in the Fire Department, in service in companies, were called in to the Academy, were weighed for moisture content, were tested for resistance to breathing, were labeled as to condition of contents, and were returned to the companies if still in reasonable condition to be placed back in service.

Training Academy (2)

Mechanical teaching aids were prepared and some 60 projection slides were made for visual aid in instruction.

Eleven accident review sessions were conducted at the Academy, in which officers of the Academy took part. 33 accidents were reviewed.

Articles of information were prepared and mimeographed on various subjects for training purposes for recruit firemen, and for use as throw-aways at lectures and demonstrations. Evolutions were prepared and mimeographed for the Department manual.

Training sessions on various subjects were conducted for agencies outside the city such as the New Jersey State Fire College, the Fire Colleges of Monmouth and Morris Counties, the fire departments of several towns and other out of the city organizations. Promotional courses for firemen were conducted by Academy officers at the West Side High Adult School and the Broadway Junior High Adult School.

During Fire Prevention Week demonstrations were conducted at Military Park, Federal Square, the Veterans Administration Building, and at some of the city school grounds.

Officers of the Academy took part in several conferences on training, new training grounds, new fire fighting equipment and techniques, etc. Tentative plans for an administrative building and a drill tower for the Department were drawn by the Academy and submitted for approval.

On several occasions the officers of the Academy conferred with and assisted the officers of other fire departments in starting training programs and in other fire department matters. They also researched and answered many questions submitted in writing or by telephone from various members of the Newark Fire Department.

A program of training was organized whereby every fire company engages in drills, lectures or discussions every day. Records of such training are sent to and are on file at the Academy.

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MEDICAL DIVISION

Annual Report submitted by
Dr. John N. Pannullo, Department Surgeon
for the year ending December 31, 1963

In compliance with the Rules and Regulations of the Department and the requirements of my duties, I have rendered prompt attention to all reports of illness or injury coming under my jurisdiction, and have granted sick leave to members when necessary.

Regular additional visits were made to sick or disabled members to keep properly informed of the progress of their cases.

Monthly reports were submitted, together with special reports when required, for the information of the Director and the Chief Engineer.

During the year, I inspected the various fire houses to see that they were maintained in sanitary condition. I attended all fires of magnitude where professional services might be required.

Monthly reports were submitted listing the names of members of the Department who were disabled, a resume of which follows:

Number of House Visits	876
Number of Men injured L.O.D.	422
Number of Fires attended	86
Number of Visits to Firehouses	29
Number of Candidates Examined	43
Telephone calls to Members on sick leave	1,742
Revisits	361
Hospital Visits	576
Conferences with Director and Chief Engineer	45

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Annual Report of the Activities
of Father Philip T. McCabe
Catholic Chaplain, for the year 1963

I attended all multiple alarms of fire in the City of Newark and administered the Sacraments of the Roman Catholic Church when needed.

I visited hospitals where firemen were known to be patients.

I conducted the blessings at funerals or attended Mass of our deceased members, whether active or retired, and their families.

The Annual Communion Breakfast and Memorial Mass for the men of the Department was held in May at St. Thomas Aquinas Church.

Participated in the Holy Name Federation Holy Hour held in the Sacred Heart Cathedral.

During the year, the Glee Club of the Fire Department made several public appearances, including the Spiritual Directors Dinner held in May, at the Essex House. The Glee Club, of which I am happily proud, sang all the Catholic Christmas Carols at Military Park during Christmas Week.

The Anchor Club of the Newark Fire Department, of which I am spiritual director, conducted their annual dance. This dance has for its purpose the financing of scholastic scholarships for the sons and daughters of all Newark firemen. These scholarships are awarded each year after a competitive examination held in March.

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Annual Report of the Activities
of the
Protestant Chaplain Rev. Clarence Bleakney
for the year 1963

I responded to 40 fires, multiple and single.

Attended various gatherings and special occasions and addressed Members of the Department.

Attended the monthly meetings of the Retired Firemen whenever possible.

Conducted the Annual Memorial Service on the Third Sunday in October and presided at the Communion Dinner which followed. Several neighboring Fire Departments had been invited to attend, and we were pleased to have them as our guests.

I conducted several funerals for Members of the Department who passed away.

I made more than 400 calls on the ill and disabled of our Fire Department and their families.

As is my custom on Christmas Day, I visited a number of fire houses to bring the greetings of the Season.

I am grateful to all the members of the Fire Department, including the Director, the chiefs, and the chaplains, for their many kindnesses to me.

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ANNUAL REPORT
OF THE ACTIVITIES OF THE
JEWISH CHAPLAIN
RABBI HORACE L. ZEMEL
FOR THE YEAR 1963

This to advise that through the year 1963, as Chaplain of the Fire Department, I answered fire calls whenever summoned, participated in public functions of the Fire Department, attended the sick and dying, and in general, lent myself in full capacity as clergyman over all those to whom I minister, in whatever contingency my services are required.

I wish to express to all members of the Fire Department my deep appreciation of the many courtesies extended me in the performance of my duties.

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